

Converting Colors

RGB(215, 232, 176)

Have a look what the booklet for
RGB(215, 232, 176) contains.

RGB(215, 232, 176)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(215, 232, 176)

Conversions

Conversions Part 1

Format	Color
Hex	D7E8B0
RGB	215, 232, 176
RGB Percent	84%, 91%, 69%
CMY	0.1569, 0.0902, 0.3098
CMYK	0.07, 0.00, 0.24, 0.09
HSL	78°, 55%, 80%
HSV	78°, 24%, 91%
XYZ	64.7174, 75.2949, 52.1967
YIQ	220.5330, 7.8440, -21.0200

Conversions

Conversions Part 2

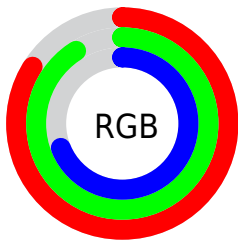
Format	Color
RYB	176, 232, 193
Decimal	14149808
CIELab	89.53, -15.00, 25.42
CIELCh	90, 29.517, 120.539
Yxy	75.2949, 0.3367, 0.3917
Android (android.graphics.Color)	4292339888 (0xFFD7E8B0)
YUV	220.5330, -21.9548, -4.8524
Hunter-Lab	86.7726, -18.7219, 25.0759

Details

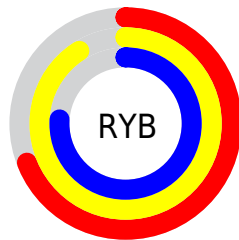
The RGB color **215, 232, 176** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **193, 176, 232**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **255, 255, 232**, and **160, 176, 123** is the 20% darker color. If you saturate the color by 10%, you get **208, 232, 153**, and if you desaturate by 10%, it is **222, 232, 199**.

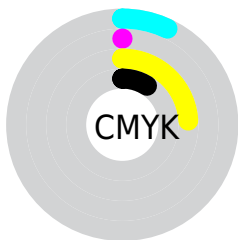
Distribution



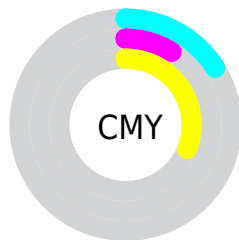
- Red (84%)
- Green (91%)
- Blue (69%)



- Red (69%)
- Yellow (91%)
- Blue (76%)



- Cyan (7%)
- Magenta (0%)
- Yellow (24%)
- Black (9%)



- Cyan (16%)
- Magenta (9%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 215, 232, 176 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 215, 232, 176 by changing the saturation by 10% instead.


 215, 232, 176


255, 255, 255


 255, 255, 232

 215, 232, 176

 187, 204, 149

 160, 176, 123


 133, 150, 98

 108, 124, 74

 83, 99, 50

 59, 75, 28

 36, 52, 4

 14, 31, 0

 0, 0, 0

 215, 232, 176

 215, 232, 176

 208, 232, 153

 222, 232, 199

 201, 232, 130


 229, 232, 222

 194, 232, 106


 236, 232, 246

 187, 232, 83

 243, 232, 255

 180, 232, 60

 250, 232, 255

 173, 232, 37

 255, 232, 255

 166, 232, 14

 162, 232, 0

Harmonies

Analogous

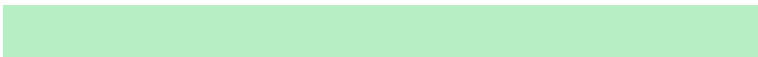
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245, 223, 169



215, 232, 176



183, 238, 196

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



215, 232, 176



157, 235, 255



255, 205, 226

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



215, 232, 176



193, 176, 232

Split Complementary

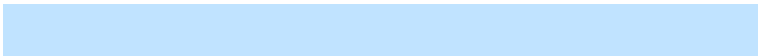
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 209, 253



215, 232, 176



192, 227, 255

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



215, 232, 176



143, 240, 253



230, 218, 255



255, 207, 198

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



215, 232, 176



163, 240, 215



230, 218, 255



255, 206, 235

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



215, 232, 176



250, 255, 237



232, 193, 176



124, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



215, 232, 176



233, 255, 181



187, 232, 176



111, 115, 103



124, 179, 0



36, 51, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



193, 176, 232



203, 181, 255



221, 176, 232



107, 103, 115



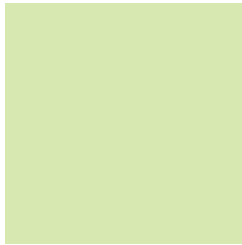
54, 0, 179



15, 0, 51

Previews

White Background



This preview shows how the RGB color 215, 232, 176 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 215, 232, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

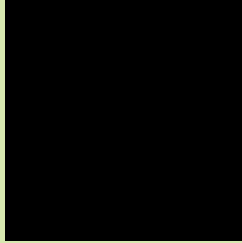
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

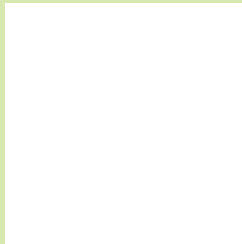
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 215, 232, 176 Background



This preview shows how black text looks on a background with the RGB color 215, 232, 176.



This preview shows how white text looks on a background with the RGB color 215, 232, 176.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

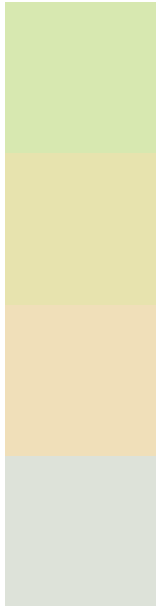
Dichromacy





Tritanopia
224, 223, 241

Trichromacy



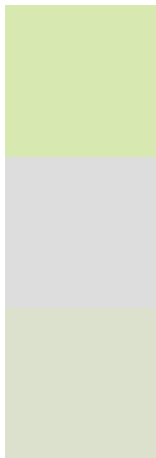
Original Color
215, 232, 176

Protanomaly
231, 227, 174

Deuteranomaly
240, 223, 185

Tritanomaly
221, 226, 217

Monochromacy



Original Color
215, 232, 176

Achromatopsia
221, 221, 221

Achromatomaly
219, 225, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 215, 232, 176 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(215, 232, 176)` looks like.

```
.text, #text, p{  
    color:rgb(215, 232, 176)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(215, 232, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 232, 176) }
```

Border

The CSS property to change the border of an element to RGB 215, 232, 176 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 232, 176) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(215, 232, 176) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(215, 232, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 232, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 232, 176);  
box-shadow:4px 4px 4px 4px rgb(215, 232,  
176) }
```

Background

The CSS property to change the background color of an element to RGB 215, 232, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 232, 176) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(215,  
232, 176) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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